

Maryland EMS News

For All Emergency Medical Clinicians

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September 2021

National EMS Memorial Bike Ride Travels Through Maryland

THE NATIONAL EMS MEMORIAL BIKE RIDE (NEMSMBR), Inc., honors Emergency Medical Services personnel by organizing and implementing long-distance cycling events that memorialize and celebrate the lives of those who serve every day, those who have become sick or injured while performing their duties, and those who have died in the line of duty.

This year there were five simultaneous routes across the United States. The East Coast participants began their ride on September 19, 2021, in Boston, Massachusetts, and concluded their route on September 25, 2021, in Washington, D.C. The riders came into Maryland with a stop in Havre de Grace on September 24. The next day, their route brought them to Baltimore, where they were provided a lunch stop at the R Adams Cowley Shock Trauma Center. The East Coast route included 66 participants, all of whom honored the lives of the more than 200 EMS clinicians who passed away over the past two years.

The mission of the group is to honor the service and commitment of EMS professionals through long-distance bicycling events. Their vision is to reduce illness, injury, and

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▲ The East Coast route of the National EMS Memorial Bike Ride stopped in Baltimore on their last day on their way to Washington, D.C. [Photo: Cindy Rivers]

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Check out the new

ZeroDeathsMD.gov

- Crash Data
- Digital Resources
- Grant Assistance



**Access new content and
request community resources at
ZeroDeathsMD.gov/resources**

- Access Maryland Crash Data
- Download Social Media Toolkits
- See All Available Community Resources
- View Local Strategic Highway Safety Plans
- Explore Current Campaigns

Questions? Email MHSO@mdot.maryland.gov

MIEMSS Informational Bulletin - Mononucleal Antibody Treatment

PLEASE SEE THE FOLLOWING MIEMSS INFORMATIONAL BULLETIN regarding monoclonal antibody treatment for COVID-19. Recent evidence suggests that many patients who are eligible for this treatment are not receiving it. It is important for all EMS clinicians to have knowledge of this treatment option.

Any questions regarding this bulletin may be referred to infectiousdiseases@miemss.org.

Monoclonal Antibodies for Treatment of Mild to Moderate COVID-19 in Non-Hospitalized Patients

What EMS Clinicians Should Know:

- Monoclonal antibodies (MAbs) have been used for decades to treat certain cancers and autoimmune disorders.
- In the case of SARS-CoV-2, the virus that causes COVID-19, they are developed by manufacturing antibodies to specific proteins found on the surface of the virus.
- When administered to a person infected with SARS-CoV-2, MAbs act like the body's own immune system would, reducing the ability of the virus to attach to and infect human cells.
- Three different MAb products are available under FDA emergency use authorization; they are currently the only available treatments that are specifically intended to treat COVID-19.
- They can only be administered to people 12 years and older, with mild to moderate COVID-19 who are not admitted to a hospital, with no oxygen requirement [above what they might be receiving chronically], and within 10 days of symptom onset.
- Patients must have at least one risk factor for progressing to more serious illness:
 - Age \geq 65 years
 - Overweight (BMI > 25)
 - Diabetes
 - Cardiovascular disease, including hypertension
 - Chronic lung disease (e.g., COPD, asthma)
 - Chronic kidney disease
 - Immunocompromising condition or immunosuppressive therapy
 - Sickle cell disease
 - Pregnancy

Why is this Important?

Evidence indicates that not all people who are eligible for treatment with MAbs are getting it. They do not seek treatment early enough, and thus are already too ill, or their health care clinician doesn't suggest it.

What You Can Do:

- If you or someone you know develops COVID-19, ask a physician about MAbs.
- If you care for a patient who might meet the criteria above, advise him/her that MAbs may be appropriate, and encourage him/her to have a prompt conversation with a physician.

<https://www.scientificamerican.com/article/do-mono-clonal-antibodies-help-covid-patients/>

<https://www.covid19treatmentguidelines.nih.gov/therapies/anti-sars-cov-2-antibody-products/anti-sars-cov-2-mono-clonal-antibodies/>

Maryland Institute for Emergency Medical Services Systems; September 28, 2021

At Hospital Ambulances (@HA) Dashboard

MIEMSS HAS DEVELOPED AND RELEASED a web-based application showing ambulance activity at the many hospitals utilized by Maryland's jurisdictional EMS clinicians.

Known as the At Hospital Ambulances (@HA) Dashboard, this application runs on iOS, Android, and Windows mobile devices, as well as on desktop computers. The application displays the hospital name, number of ambulances at a hospital, as well as the minimum and maximum length of stay of a unit or units at the hospital. The information may be sorted by Length of Stay, Alphabetically, or by Unit Count. If there are no units at a hospital, then the hospital is not listed (unless there is an associated CHATS Alert). A map, available on the dashboard, shows which jurisdictions are supplying data and those yet to come onboard.

Hospital Name	Units	Length of Stay	Alerts
28 Hospitals with 48 Units Statewide			
Anne Arundel Medical Center - 221	2 Units	9 - 48 minutes	Yellow Alert
Baltimore Washington Medical Center - 222	2 Units	32 - 136 minutes	Yellow Alert
Bowie Health Center (UMSRH) - 353	1 Unit	43 minutes	Yellow Alert
CalverHealth Medical Center - 209	0 Units		Yellow Alert
Capital Region Medical Center (UMCRH) - 200	8 Units	20 - 74 minutes	Yellow Alert
Carroll Hospital Center (Bellridge) - 219	3 Units	16 - 47 minutes	Red Alert, Yellow Alert
Charles Regional (JRM) - 291	0 Units		Red Alert, Yellow Alert
Dorchester (UMSRH) - 204	1 Unit	21 minutes	
Easton (UMSRH) - 297	1 Unit	15 minutes	
Fort Washington Hospital - 522	1 Unit	24 minutes	
Franklin Square (MedStar) - 203	1 Unit	16 minutes	Yellow Alert
Frederick Health Hospital - 239	3 Units	3 - 107 minutes	Yellow Alert
Good Samaritan Hospital (MedStar) - 226	0 Units		Red Alert, Yellow Alert
Greater Baltimore Medical Center - 217	2 Units	11 - 22 minutes	Yellow Alert
Harbor Hospital (MedStar) - 211	4 Units	8 - 220 minutes	Yellow Alert
Harford Memorial Hospital - 220	1 Unit	12 minutes	Red Alert
Holy Cross Germantown Hospital - 444	0 Units		Red Alert
Holy Cross Hospital - 284	0 Units		Yellow Alert
Howard County General Hospital (JHM) - 223	1 Unit	44 minutes	Red Alert, Yellow Alert
Howard University Hospital, DC - 270	1 Unit	47 minutes	

Access to the @HA dashboard is available to clinicians via a link on the eMEDS® patient care reporting system dashboard. It may also be viewed at <https://aha.miemss.org/>. Jurisdictional EMS administrators

have credentials to login to view additional detail, including the ambulance unit number and jurisdiction. MIEMSS continues efforts to improve the utility of the application. ■

~ *SAVE THE DATE* ~

WINTERFEST 2022

This February, come to Easton for all of your EMS Continuing Education needs at Winterfest 2022!

PRECONFERENCES

- *EMT Skills Class*
Hybrid (online) with Skills in-person –
February 18, 2022
- *Pediatric Education for Prehospital Professionals (PEPP) Class*
Hybrid (online) with Skills in person –
February 18, 2022

FULL CONFERENCE

February 19-20, 2022

* * *

**DETAILS AND FULL AGENDA
COMING SOON!**

Follow Winterfest EMS on Facebook
(@WinterfestEMS) for updates!

62nd Annual Mid-Atlantic Life Safety Conference



THE ANNUAL MID-ATLANTIC LIFE SAFETY CONFERENCE has brought life safety information, guidance, resources, and useful ideas directly to the career and volunteer emergency services community for 62 years. The conference addresses public education, code

enforcement, firefighter health and safety, community risk reduction, arson investigation, and emergency medical response.

This year's all-virtual conference featured a combination of live online events and pre-recorded sessions. During the live portion of the



▲ Dr. Burton A. Clark (left) was awarded the John C. Spiker Sr. Life Safety Educator of the Year Award by Maryland State Fire Marshal Brian S. Geraci.

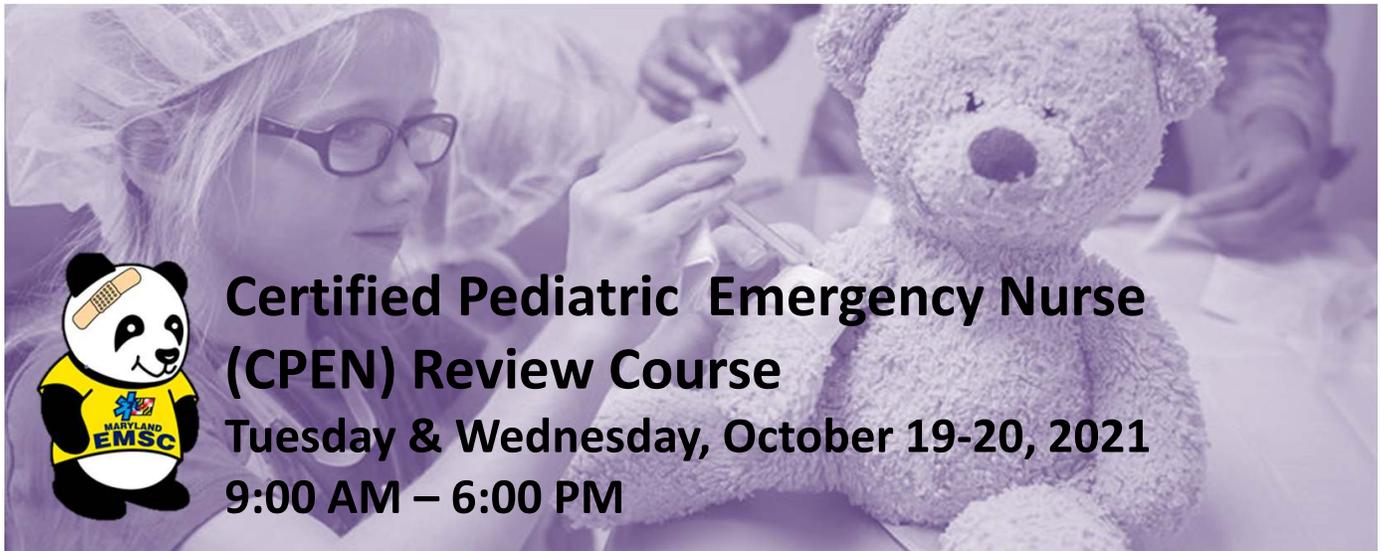
conference, Dr. Burton A. Clark was awarded the John C. Spiker, Sr., Life Safety Educator of the Year Award, in recognition of Dr. Clark's excellent work in life safety education. A list of pre-recorded presentations are available to watch at www.midatlantictlifesafetyconference.org. ■

Seasonal Flu Awareness

WITH THE CURRENT FOCUS on the COVID-19 Delta variant, it is important to remember that it is time for the seasonal flu vaccine. Each year, the flu spreads, resulting in over 200,000 hospitalizations and thousands of deaths. The best protection against the flu is to get vaccinated. Although flu viruses are detectable year-round, the highest levels occur beginning in early October and last through May. The months of January and February can be especially bad.



The CDC recommends a yearly flu vaccine for everyone 6 months of age and older. Getting the flu shot helps ensure that individuals do not contract the flu and spread the disease to others. The flu shot is available now. The best time to get vaccinated is by early October. It is important to remember to regularly wash hands and cover nose and mouth with tissue when sneezing. ■



Certified Pediatric Emergency Nurse (CPEN) Review Course

Tuesday & Wednesday, October 19-20, 2021
9:00 AM – 6:00 PM

NEW format: Live VIRTUAL Course with Interactive Faculty

This course will provide a comprehensive review course based on the detailed CPEN content established by the Board of Certification for Emergency Nursing (BCEN®). This course is presented in a manner that is easy to understand and would also be an excellent review for any nurse interested in increasing his or her knowledge and comfort level in managing pediatric emergencies.

Through the use of lectures, graphics, videos and practice questions, the course will review many of the areas that are tested on the CPEN examination. This course will provide not only a knowledge base for successfully completing the exam, but also a foundation for further study as the participant works towards emergency nursing certification. Topics Covered in the 2 day course are listed on page 2.

This course cannot guarantee that all participants will pass the CPEN certification exam. It is the responsibility of the emergency nurse to take the necessary time to study & gain mastery of the required topics.

Faculty: Kara Bauman MN, RN, CEN, CPEN, TCRN
Solheim Enterprises®

Register online at
<https://eecreg3.wufoo.com/forms/cpen-review-course-october-2021/>

For more information, contact 410-706-1758
or email pepp@miemss.org

Who Should Attend:

- Nurses preparing for CPEN Exam
- Nurses seeking Pediatric Emergency Nursing review
- Nurses with CPEN who need CE to recertify



Registration - \$150.00

What's Included?

Included in your registration fee are LIVE instruction, interactive discussions, self assessment questions, educational materials, and **16.25 hours of CE** for those who participate both days.

The Maryland EMS for Children State Partnership Grant (federal HRSA/MCHB/EMSC) is supporting the course faculty and platform.

Walktober 2021

THE MARYLAND DEPARTMENT OF TRANSPORTATION (MDOT) is partnering with agencies, nonprofits, and communities across Maryland to host the second annual Walktober, a month-long celebration with activities and virtual events promoting the state's official exercise: walking.

Walktober 2021 includes the 7th annual Walk Maryland Day, on Wednesday, October 6, as well as several local events and an online webinar series focusing on pedestrian safety and health, as well as walking as a commuting option. Walking is an important element of life for health, transportation, and overall well-being.

Maryland designated walking as the official state exercise in October 2008. As part of its focus on

walkable communities and pedestrian safety, MDOT has designed a website, mdot.maryland.gov/walktober, featuring information about Walktober, Walk Maryland Day,



and statewide events, as well as registration for the webinar series. Marylanders are encouraged to spend part of Walk Maryland Day taking a walk.

Four 90-minute webinars on

walking and walkability – or “walkinars” – will be held virtually from 10:30 a.m. to noon on October 7, 14, 21, and 28. The walkinar series features local, state, and national speakers. Panelists will share resources to help build, strengthen, and sustain partnerships to encourage walking, and will also discuss tools and technologies used here and across the country to promote pedestrian access and safety.

The series is open to all, and topics include:

- **October 7:** *Taking Fresh Steps Toward a More Walk-Friendly Maryland*
- **October 14:** *Walking Toward a Healthier Maryland*
- **October 21:** *Pedestrian Safety: Trends, Measures, and Solutions*

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National Teen Driver Safety Week



NATIONAL TEEN DRIVER SAFETY WEEK is October 17-23, 2021. This week brings awareness to parents to be sure to have conversations with their teens about the important rules they need to follow to stay safe behind the wheel while driving. These

rules address the greatest dangers for teen drivers: alcohol, inconsistent or no seat belt use, distracted and drowsy driving, speeding, and number of passengers.

Some facts from the National Highway Safety Administration

(NHTSA) about teen driver fatalities:

- Motor vehicle crashes are the leading cause of death for teens (15-18 years old) in the United States.
- In 2019, there were 2,042 people killed in crashes involving a teen driver, of which 628 deaths were the teen driver.
- Parents can be the biggest influencers on teens' choices behind the wheel if they take the time to talk with their teens about some of the biggest driving risks.

For more information, please visit <https://www.trafficsafetymarketing.gov/get-materials/teen-safety/national-teen-driver-safety-week/rules-road>. ■

National EMS Memorial Bike Ride Travels Through Maryland

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mortality through recognition and promotion of physical and mental well-being.

The values of the NEMSMBR are:

■ **Wellness:** We encourage healthy living through physical, emotional, social, and spiritual fitness.

■ **Awareness:** We acknowledge the inherent risks faced by our industry professionals.

■ **Advocacy:** We support efforts to reduce illness and injury through peer support and camaraderie.

■ **Honor:** We respect all Emergency Medical Service Professionals, their commitment to EMS, their families, and their communities.

■ **Compassion:** We offer sympathy

and empathize with those who are suffering.

■ **Semper Memoria:** We always remember.

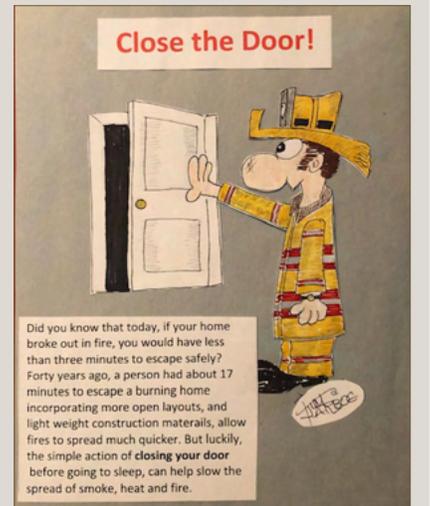
For additional information, please go to www.nemsnbr.org. ■

Walktober 2021

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■ **October 28:** *Great Partners and Creative Approaches for Promoting Safe Walk Opportunities*

Follow updates on Twitter (@WalkCycleMD and @MDOTNews), Facebook (facebook.com/WalkCycleMD or facebook.com/CommuterChoiceMaryland/), and LinkedIn (linkedin.com/in/commuterchoicemd3). ■



DID YOU KNOW that today, if your home broke out in fire, you would have less than three minutes to escape safely? Luckily, the simple action of closing your door before going to sleep can help slow the spread of smoke, heat, and fire. [Artwork courtesy of Jim Jarboe, a retired Montgomery County career firefighter and member for close to 65 years of the Takoma Park Volunteer Fire Department, where he continues to volunteer.]

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Governor Larry Hogan
Lt. Governor Boyd Rutherford

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